

EAST Search History**EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1255	(180/305-308).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/05/08 16:30
L2	353	(403/164).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/05/08 16:30
L3	88	(403/38).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/05/08 16:30
L4	87	L3 not L2	US-PGPUB; USPAT	OR	OFF	2010/05/08 16:30
L5	134	(403/39).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/05/08 16:30
L6	127	L5 not (L3 or L2)	US-PGPUB; USPAT	OR	OFF	2010/05/08 16:30
L7	390	(285/272).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/05/08 16:30
L8	386	L7 not (L5 or L3 or L2)	US-PGPUB; USPAT	OR	OFF	2010/05/08 16:30
L9	1254	L1 not (L7 or L5 or L3 or L2)	US-PGPUB; USPAT	OR	OFF	2010/05/08 16:30
L10	5653	"swivel joint"	US-PGPUB; USPAT	OR	OFF	2010/05/08 16:30
L11	3631	"swivel joint" and (hydraulic or tube or tubing)	US-PGPUB; USPAT	OR	ON	2010/05/08 16:30
L12	2611	"swivel joint" and (hydraulic or tube or tubing) and (machine or drive or power)	US-PGPUB; USPAT	OR	ON	2010/05/08 16:30
L13	1663	L12 and (construction or earth-moving or backhoe or crane or boom)	US-PGPUB; USPAT	OR	ON	2010/05/08 16:30

L14	21	("2563531" "3517694" "3636975" "3827199" "3910309" "4065891" "4250918" "4498398" "4644707" "4750428" "4817345" "4877054" "5113974" "5755160" "5918424" "6401746" "6457280" "6742308").PN. OR ("7032353").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/08 16:30
L15	18	("2563531" "3265087" "3381704" "3517694" "3599378" "3636975" "3776270").PN. OR ("3910309").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/08 16:30
L16	1652	L13 not (L1 or L7 or L5 or L3 or L2)	US-PGPUB; USPAT	OR	OFF	2010/05/08 16:30
L17	482	"swivel joint" near5 (hydraulic or tube or tubing)	US-PGPUB; USPAT	OR	ON	2010/05/08 16:30
L18	1462	L13 not (L17 or L1 or L7 or L5 or L3 or L2)	US-PGPUB; USPAT	OR	OFF	2010/05/08 16:30
L19	260	"hydraulic swivel"	US-PGPUB; USPAT	OR	OFF	2010/05/08 16:30
L20	134	("1497652" "2210088" "2308137" "2343491" "2404494" "2536565" "2563531" "2701146" "2768843" "2770475" "3016201" "3165109" "3265087" "3381704" "3442344" "3477746" "3489235" "3517694" "3567136" "3599378" "3636975" "3643477" "3698433" "3776270" "3827199" "3855792" "3905450" "3908695" "3910309" "3990731" "4065891" "4101148" "4142084"	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/08 16:30

L21	1	"(6266901).PN. URPN.	US-PGPUB; USPAT	OR	OFF	2010/05/08 16:30
<p> "4142742" "4174127" "4186763" "4250918" "4394886" "4405162" "4415050" "4467604" "4487435" "4497608" "4498398" "4542929" "4593855" "4633601" "4644707" "4683912" "4700894" "4749335" "4750428" "4756156" "4790699" "4817345" "4832263" "4877054" "4938023" "5113946" "5113974" "5140759" "5156422" "5199196" "5295317" "5299370" "5375348" "5404660" "5755160" "5918424" "6266901" "6401746" "6457280" "6742308").PN. OR ("2004/0114994" "2005/0079007" "2873810" "3776270" "3910309" "4250918" "4558890" "4605096" "5188146" "5282363" "5553405" "6578296" "7032353").</p>						

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L22	1	(180/305-308). CCLS.	UPAD	OR	OFF	2010/05/08 16:33
L23	0	(403/38,39).CCLS.	UPAD	OR	OFF	2010/05/08 16:34
L24	1	(403/164).CCLS.	UPAD	OR	OFF	2010/05/08 16:34
L25	3	(285/272).CCLS.	UPAD	OR	OFF	2010/05/08 16:34

L26	203	"hydraulic swivel"	USPAT; UPAD	OR	OFF	2010/05/08 16:35
L27	355	"swivel joint" near5 (hydraulic or tube or tubing)	USPAT; UPAD	OR	ON	2010/05/08 16:38

5/8/2010 5:32:36 PM

C:\Documents and Settings\ vcoolman\ My Documents\ EAST\ Workspaces\ 10567908
SWIVEL JOINT - CONSTRUCTION MACHINE WITH HYDRAULIC SWIVEL JOINT.wsp